



Attorney Docket No.: 0102323-00100

**DECLARATION AND POWER OF ATTORNEY FOR  
UNITED STATES LETTERS PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post-office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**WIRELESS COMMUNICATIONS SYSTEMS AND METHODS FOR  
CONTIGUOUSLY ADDRESSABLE MEMORY ENABLED  
MULTIPLE PROCESSOR BASED MULTIPLE USER DETECTION**

the specification of which

(check one)

☒ is attached hereto.

☒ was filed on: 3/14/02

as Application No.: 10/099,912

and was amended on:  
(if applicable).

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Nutter, McClennen & Fish, LLP, One International Place, Boston, MA 02110-2699, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above-identified application specification, including the claims, as amended by any amendment specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

## FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

(check one)

☒ no such foreign applications have been filed.

such foreign applications have been filed as follows:

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

| Country | Application Number | Date of Filing<br>(month, day, year) | Priority Claimed<br>Under 35 USC 119 |
|---------|--------------------|--------------------------------------|--------------------------------------|
|         |                    |                                      | ___ Yes No ___                       |
|         |                    |                                      | ___ Yes No ___                       |
|         |                    |                                      | ___ Yes No ___                       |
|         |                    |                                      | ___ Yes No ___                       |
|         |                    |                                      | ___ Yes No ___                       |

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

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### CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATION(s)

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

(check one)

- ☐ no such U.S. provisional applications have been filed.
- ☒ such U.S. provisional applications have been filed as follows:

| Application Number | Date of Filing<br>(month, day, year) | Priority Claimed<br>Under 35 USC 119(e) |
|--------------------|--------------------------------------|---|
| 60/275,846         | 3/14/01                              | <u> X </u> Yes    No <u>    </u>        |
| 60/289,600         | 5/7/01                               | <u> X </u> Yes    No <u>    </u>        |
| 60/295,060         | 6/1/01                               | <u> X </u> Yes    No <u>    </u>        |

### CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(s)

I hereby claim the benefit under Title 35, United States Code §120, of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United State Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

(check one)

- ☒ no such U.S./PCT applications have been filed.
- ☐ such U.S./PCT applications have been filed as follows:

| Application Number | Date of Filing<br>(month, day, year) | Status<br>(Patented/Pending/Abandoned) |
|--------------------|--------------------------------------|--|
|                    |                                      |  |
|                    |                                      |  |
|                    |                                      |  |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

|                       |                 |                    |                 |
|-----------------------|-----------------|--------------------|-----------------|
| Ronald E. Cahill      | Reg. No. 38,403 | Herbert A. Newborn | Reg. No. 42,031 |
| Thomas J. Engellenner | Reg. No. 28,711 | Tram Anh T. Nguyen | Reg. No. 47,257 |
| William C. Geary III  | Reg. No. 31,359 | David J. Powsner   | Reg. No. 31,868 |
| Lisa J. Michaud       | Reg. No. 44,238 | Jasbir Sagoo       | Reg. No. 51,177 |
| Reza Mollaaghababa    | Reg. No. 43,810 |                    |                 |

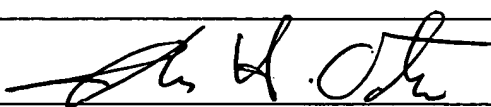
all of Nutter McClennen & Fish, LLP, One International Place, Boston, Massachusetts 02110-2699, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

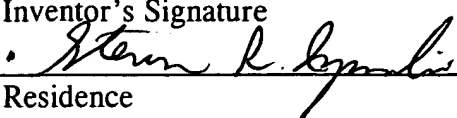
Please mail correspondence to: David J. Powsner  
at **Customer Number 021125**, whose address is:

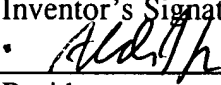
Nutter McClennen & Fish, LLP  
One International Place  
Boston, Massachusetts 02110-2699

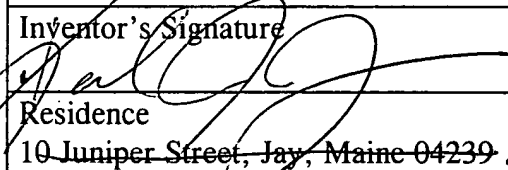
Please direct telephone calls to: David J. Powsner  
at (617)439-2717.

Please direct facsimiles to: (617)310-9717

|   |                |
|---|----------------|
| Full name of sole or first joint inventor<br>John H. Oates  |                |
| Inventor's Signature<br> | Date<br>6/5/02 |
| Residence<br>59B Seaverns Bridge Road, Amherst, New Hampshire 03031   |                |
| Country of Citizenship<br>US  |                |
| Post Office Address (required)<br>same as above   |                |

|   |                    |
|---|--------------------|
| Full name of second joint inventor<br>Steven R. Imperiali   |                    |
| Inventor's Signature<br> | Date<br>28 MAY -02 |
| Residence<br>43 Haynes Road, Townsend, Massachusetts 01469  |                    |
| Country of Citizenship<br>US  |                    |
| Post Office Address (required)<br>same as above   |                    |

|   |                     |
|---|---------------------|
| Full name of third joint inventor<br>Alden J. Fuchs   |                     |
| Inventor's Signature<br> | Date<br>14 JUN 2002 |
| Residence<br>160 Pine Hill Road, Nashua, New Hampshire 03063  |                     |
| Country of Citizenship<br><del>US</del> CANADA  |                     |
| Post Office Address (required)<br>same as above   |                     |

|   |                   |
|---|-------------------|
| Full name of fourth joint inventor<br>Kathleen J. Jacques   |                   |
| Inventor's Signature<br> | Date<br>28-MAY-02 |
| Residence<br><del>10 Juniper Street, Jay, Maine 04239</del> 27 BOLTON ST APT 1L SOMERVILLE, MA 02143        |                   |
| Country of Citizenship<br>US  |                   |
| Post Office Address (required)<br>same as above   |                   |

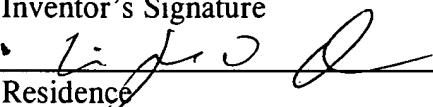
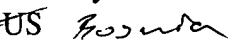
|  |                   |
|--|-------------------|
| Full name of fifth joint inventor<br>Jonathan E. Greene                  |                   |
| Inventor's Signature<br>• <i>Jonathan E. Greene</i>                      | Date<br>• 6/13/02 |
| Residence<br>83 Hollenbeck Avenue, Great Barrington, Massachusetts 01230 |                   |
| Country of Citizenship<br>US   |                   |
| Post Office Address (required)<br>same as above                          |                   |

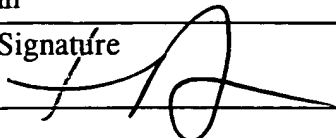
|  |                   |
|--|-------------------|
| Full name of sixth joint inventor<br>William J. Jenkins          |                   |
| Inventor's Signature<br>• <i>William Jenkins</i>                 | Date<br>• 5/30/02 |
| Residence<br>479 Whitepond Road, Leominster, Massachusetts 01453 |                   |
| Country of Citizenship<br>US                                     |                   |
| Post Office Address (required)<br>same as above                  |                   |

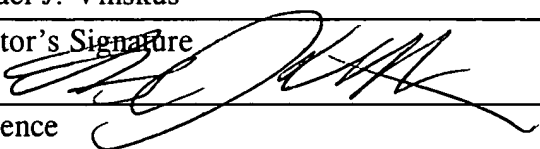
|   |                   |
|---|-------------------|
| Full name of seventh joint inventor<br>Frank P. Lauginiger            |                   |
| Inventor's Signature<br>• <i>Frank P. Lauginiger</i>                  | Date<br>• 5/30/02 |
| Residence<br>772 Russell Station Road, Franconia, New Hampshire 03043 |                   |
| Country of Citizenship<br>US  |                   |
| Post Office Address (required)<br>same as above                       |                   |

|  |           |
|--|-----------|
| Full name of eighth joint inventor<br>David E. Majchrzak   |           |
| Inventor's Signature<br>✓                                  | Date<br>✓ |
| Residence<br>11 Regine Street, Hudson, New Hampshire 03051 |           |
| Country of Citizenship<br>US                               |           |
| Post Office Address (required)<br>same as above            |           |

|   |           |
|---|-----------|
| Full name of ninth joint inventor<br>Paul E. Cantrell           |           |
| Inventor's Signature<br>✓                                       | Date<br>✓ |
| Residence<br>15 Prescott Drive, Chelmsford, Massachusetts 01863 |           |
| Country of Citizenship<br>US                                    |           |
| Post Office Address (required)<br>same as above                 |           |

|  |                   |
|--|-------------------|
| Full name of tenth joint inventor<br>Mirza Cifric  |                   |
| Inventor's Signature<br>✓       | Date<br>✓ 6/12/02 |
| Residence<br>180 Arborway, Jamaica Plain, Massachusetts 02130  |                   |
| Country of Citizenship<br>✓ US  |                   |
| Post Office Address (required)<br>same as above  |                   |

|   |                        |
|---|------------------------|
| Full name of eleventh joint inventor<br>Ian N. Dunn   |                        |
| Inventor's Signature<br> | Date<br>* 12-June-2002 |
| Residence<br>48 North Court Street, #1, Providence, Rhode Island 02903                                    |                        |
| Country of Citizenship<br>US  |                        |
| Post Office Address (required)<br>same as above   |                        |

|   |                       |
|---|-----------------------|
| Full name of twelfth joint inventor<br>Michael J. Vinskus   |                       |
| Inventor's Signature<br> | Date<br>* 11-JUN-2002 |
| Residence<br>5 Cranberry Lane, Litchfield, New Hampshire 03052  |                       |
| Country of Citizenship<br>US  |                       |
| Post Office Address (required)<br>same as above   |                       |

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Attorney Docket No.: 0102323-00100

**DECLARATION AND POWER OF ATTORNEY FOR  
UNITED STATES LETTERS PATENT APPLICATION**

**RECEIVED**

DEC 03 2002

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**OFFICE OF PETITIONS**

My residence, post-office address and citizenship are as stated below next to my name.

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MULTIPLE PROCESSOR BASED MULTIPLE USER DETECTION**

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☒ was filed on: 3/14/02

as Application No.: 10/099,912

and was amended on:  
(if applicable).

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RECEIVED

DEC 03 2002

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OFFICE OF PETITIONS

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| Country | Application Number | Date of Filing<br>(month, day, year) | Priority Claimed<br>Under 35 USC 119 |
|---------|--------------------|--------------------------------------|--------------------------------------|
|         |                    |                                      | ___ Yes No ___                       |
|         |                    |                                      | ___ Yes No ___                       |
|         |                    |                                      | ___ Yes No ___                       |
|         |                    |                                      | ___ Yes No ___                       |
|         |                    |                                      | ___ Yes No ___                       |

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| 60/289,600         | 5/7/01                               | <u>X</u> Yes No <u>    </u>             |
| 60/295,060         | 6/1/01                               | <u>X</u> Yes No <u>    </u>             |

### CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(s)

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(check one)

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☐: such U.S./PCT applications have been filed as follows:

| Application Number | Date of Filing<br>(month,day,year) | Status<br>(Patented/Pending/Abandoned) |
|--------------------|------------------------------------|--|
|                    |                                    |  |
|                    |                                    |  |
|                    |                                    |  |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

|                       |                 |                    |                 |
|-----------------------|-----------------|--------------------|-----------------|
| Ronald E. Cahill      | Reg. No. 38,403 | Herbert A. Newborn | Reg. No. 42,031 |
| Thomas J. Engellenner | Reg. No. 28,711 | Tram Anh T. Nguyen | Reg. No. 47,257 |
| William C. Geary III  | Reg. No. 31,359 | David J. Powsner   | Reg. No. 31,868 |
| Lisa J. Michaud       | Reg. No. 44,238 | Jasbir Sagoo       | Reg. No. 51,177 |
| Reza Mollaaghababa    | Reg. No. 43,810 |                    |                 |

all of Nutter McClennen & Fish, LLP, One International Place, Boston, Massachusetts 02110-2699, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

Please mail correspondence to: David J. Powsner  
at Customer Number 021125, whose address is:

Nutter McClennen & Fish, LLP  
One International Place  
Boston, Massachusetts 02110-2699

Please direct telephone calls to: David J. Powsner  
at (617)439-2717.

Please direct facsimiles to: (617)310-9717

|   |      |
|---|------|
| Full name of sole or first joint inventor<br>John H. Oates          |      |
| Inventor's Signature  | Date |
| Residence<br>59B Seaverns Bridge Road, Amherst, New Hampshire 03031 |      |
| Country of Citizenship<br>US  |      |
| Post Office Address (required)<br>same as above                     |      |

|  |      |
|--|------|
| Full name of second joint inventor<br>Steven R. Imperiali  |      |
| Inventor's Signature                                       | Date |
| Residence<br>43 Haynes Road, Townsend, Massachusetts 01469 |      |
| Country of Citizenship<br>US                               |      |
| Post Office Address (required)<br>same as above            |      |

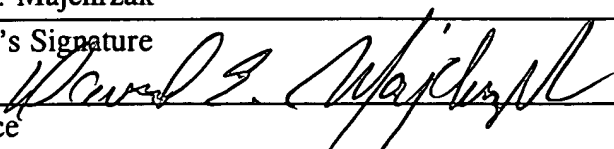
|  |      |
|--|------|
| Full name of third joint inventor<br>Alden J. Fuchs          |      |
| Inventor's Signature   | Date |
| Residence<br>160 Pine Hill Road, Nashua, New Hampshire 03063 |      |
| Country of Citizenship<br>US                                 |      |
| Post Office Address (required)<br>same as above              |      |

|   |      |
|---|------|
| Full name of fourth joint inventor<br>Kathleen J. Jacques |      |
| Inventor's Signature                                      | Date |
| Residence<br>10 Juniper Street, Jay, Maine 04239          |      |
| Country of Citizenship<br>US                              |      |
| Post Office Address (required)<br>same as above           |      |

|  |      |
|--|------|
| Full name of fifth joint inventor<br>Jonathan E. Greene                  |      |
| Inventor's Signature   | Date |
| Residence<br>83 Hollenbeck Avenue, Great Barrington, Massachusetts 01230 |      |
| Country of Citizenship<br>US   |      |
| Post Office Address (required)<br>same as above                          |      |

|  |      |
|--|------|
| Full name of sixth joint inventor<br>William J. Jenkins          |      |
| Inventor's Signature   | Date |
| Residence<br>479 Whitepond Road, Leominster, Massachusetts 01453 |      |
| Country of Citizenship<br>US                                     |      |
| Post Office Address (required)<br>same as above                  |      |

|   |      |
|---|------|
| Full name of seventh joint inventor<br>Frank P. Lauginiger              |      |
| Inventor's Signature  | Date |
| Residence<br>772 Russell Station Road, Frankestown, New Hampshire 03043 |      |
| Country of Citizenship<br>US  |      |
| Post Office Address (required)<br>same as above                         |      |

|   |                 |
|---|-----------------|
| Full name of eighth joint inventor<br>David E. Majchrzak  |                 |
| Inventor's Signature<br> | Date<br>7/17/02 |
| Residence<br>33 Jessica Drive, Merrimack, New Hampshire 03054   |                 |
| Country of Citizenship<br>US  |                 |
| Post Office Address (required)<br>same as above   |                 |

|   |      |
|---|------|
| Full name of ninth joint inventor<br>Paul E. Cantrell           |      |
| Inventor's Signature  | Date |
| Residence<br>15 Prescott Drive, Chelmsford, Massachusetts 01863 |      |
| Country of Citizenship<br>US                                    |      |
| Post Office Address (required)<br>same as above                 |      |

|   |      |
|---|------|
| Full name of tenth joint inventor<br>Mirza Cifric             |      |
| Inventor's Signature  | Date |
| Residence<br>180 Arborway, Jamaica Plain, Massachusetts 02130 |      |
| Country of Citizenship<br>US                                  |      |
| Post Office Address (required)<br>same as above               |      |

|  |      |
|--|------|
| Full name of eleventh joint inventor<br>Ian N. Dunn                    |      |
| Inventor's Signature   | Date |
| Residence<br>48 North Court Street, #1, Providence, Rhode Island 02903 |      |
| Country of Citizenship<br>US   |      |
| Post Office Address (required)<br>same as above                        |      |

|  |      |
|--|------|
| Full name of twelfth joint inventor<br>Michael J. Vinskus      |      |
| Inventor's Signature   | Date |
| Residence<br>5 Cranberry Lane, Litchfield, New Hampshire 03052 |      |
| Country of Citizenship<br>US                                   |      |
| Post Office Address (required)<br>same as above                |      |

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